

IN THE CLAIMS

1-10. (canceled)

11. (new) A radio transmission method, comprising:
transmitting a control packet from one of a communication
station of a plurality of communication stations or a control
station, said control packet having a header information field
and a first field for error detecting or error correcting; and
transmitting a data packet among said plurality of
communication stations with a predetermined packet arrangement,
said data packet having the header information field, the first
field for error detecting or correcting, a data information
field, and a second field for error detecting or error
correcting.

in which a structure of the header information field and
the first field for error detecting or error correcting is the
same in said control packet and said data packet.

12. (new) The method according to claim 11, in which
the first field for error detecting or error correcting is
usable to detect or correct an error or errors which occurred in
the header information field.

13. (new) The method according to claim 11, in which
the second field for error detecting or error correcting is
usable to detect or correct an error or errors which occurred in
the data information field.

14. (new) The method according to claim 11, in which
the control packet does not have the data information field.

15. (new) The method according to claim 11, in which
the structure includes a size such that the size of the header
information field and the first field for error detecting or
error correcting is the same in said control packet and said
data packet.

16. (new) The method according to claim 11, in which the control packet includes a tail code which indicates a termination of information in the respective control packet.

17. (new) The method according to claim 16, in which the tail code is arranged at an end of the first field for error detecting or error correcting of the respective control packet.

18. (new) The method according to claim 11, in which the data packet includes a tail code which indicates a termination of information in the respective data packet.

19. (new) The method according to claim 18, in which the tail code is arranged after an end of the second field for error detecting or error correcting of the respective data packet.

20. (new) A radio transmission system, comprising:
a first transmitting unit operable to transmit a control packet, said control packet having a header information field and a first field for error detecting or error correcting; and
a second transmitting unit operable to transmit a data packet with a predetermined packet arrangement, said data packet having the header information field, the first field for error detecting or correcting, a data information field, and a second field for error detecting or error correcting.

in which a structure of the header information field and the first field for error detecting or error correcting is the same in said control packet and said data packet.

21. (new) The system according to claim 20, in which the first field for error detecting or error correcting is usable to detect or correct an error or errors which occurred in the header information field.

22. (new) The system according to claim 20, in which the second field for error detecting or error correcting is usable to detect or correct an error or errors which occurred in the data information field.

23. (new) The system according to claim 20, in which the control packet does not have a data information field.

24. (new) The system according to claim 20, in which the structure includes a size such that the size of the header information field and the first field for error detecting or error correcting is the same in said control packet and said data packet.

25. (new) The system according to claim 20, in which the control packet further has a tail code which indicates a termination of information in the respective control packet.

26. (new) The system according to claim 25, in which the tail code is arranged at an end of the first field for error detecting or error correcting of the respective control packet.

27. (new) The system according to claim 20, in which the data packet further has a tail code which indicates a termination of information in the respective data packet.

28. (new) The system according to claim 27, in which the tail code is arranged after an end of the second field for error detecting or error correcting of the respective data packet.

29. (new) A radio transmission method, comprising:
transmitting a control packet from one of a communication station of a number of communication stations or a control station; and
transmitting a data packet among said number of communication stations,

each of said control packet and said data packet having a header information field and a first field for error detecting or error correcting, said data packet further having a data information field and a second field for error detecting or error correcting,

in which a structure of the header information field and the first field for error detecting or error correcting of said control packet is the same as that of the header information field and the first field for error detecting or error correcting of said data packet.

30. (new) A radio transmission system, comprising:
a first transmitting unit operable to transmit a control packet; and

a second transmitting unit operable to transmit a data packet,

each of said control packet and said data packet having a header information field and a first field for error detecting or error correcting, said data packet further having a data information field and a second field for error detecting or error correcting,

in which a structure of the header information field and the first field for error detecting or error correcting of said control packet is the same as that of the header information field and the first field for error detecting or error correcting of said data packet.

31. (new) A medium having a computer program stored thereon, the computer program being executable by a computer device or devices to perform a radio transmission method, said method comprising:

transmitting a control packet from one of a communication station of a plurality of communication stations or a control station, said control packet having a header information field and a first field for error detecting or error correcting; and

transmitting a data packet among said plurality of communication stations with a predetermined packet arrangement,

said data packet having the header information field, the first field for error detecting or correcting, a data information field, and a second field for error detecting or error correcting.

in which a structure of the header information field and the first field for error detecting or error correcting is the same in said control packet and said data packet.

32. (new) A medium having a computer program stored thereon, the computer program being executable by a computer device or devices to perform a radio transmission method, said method comprising:

transmitting a control packet from one of a communication station of a number of communication stations or a control station; and

transmitting a data packet among said number of communication stations,

each of said control packet and said data packet having a header information field and a first field for error detecting or error correcting, said data packet further having a data information field and a second field for error detecting or error correcting,

in which a structure of the header information field and the first field for error detecting or error correcting of said control packet is the same as that of the header information field and the first field for error detecting or error correcting of said data packet.